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logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
AT10101 WP 080877477.1 NZ FWEX01000005:c530868-530539  MDMVVSRFDVFLVRLDATQGREIRKTRPCLIISPDEMNQHIDTVIIAPMTTKGRPYPTRVPLRFKGKSGQVVLDQ   75
AT6090 AFV93477.1 KC020193:129-299                     ..........................................................MASFN.........QQQQ     6
AT612 21283722 NC 003923:c2149911-2149741              ..........................................................MLSFS.........QQQQ     6
AT10094 WP 000948331.1 NZ JPPU01000003:101823-101993   ..........................................................MLSFS.........QQQQ     6
AT10078 WP 000948331.1 NZ JPPU01000003:101823-101993   ..........................................................MLSFS.........QQQQ     6
AT1073 WP 000948331.1 NC 002745:c2121701-2121531       ..........................................................MLSFS.........QQQQ     6
AT10177 WP 001829931.1 NZ LT571449:c1934688-1934518    ..........................................................MLSFN.........QQ       6
consensus                                                                                                          ***!*          !
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logo

AT10101 WP 080877477.1 NZ FWEX01000005:c530868-530539  IRTVDKSRLVK.RVGTITDVTRAQILTLLAELFAP...................   109
AT6090 AFV93477.1 KC020193:129-299                     SRNHSIEQLLKEGYSQMAD....LNLSLAAEAFPFECEACDCNEVYLSSKNNNE    56
AT612 21283722 NC 003923:c2149911-2149741              NRSHSLEQSLKEGYSQMAD....LNLSLANEAFPIECEACDCNETYLSSNSTNE    56
AT10094 WP 000948331.1 NZ JPPU01000003:101823-101993   NRSHSLEQSLKEGYSQMAD....LNLSLANEAFPIECEACDCNETYLSSNSTNE    56
AT10078 WP 000948331.1 NZ JPPU01000003:101823-101993   NRSHSLEQSLKEGYSQMAD....LNLSLANEAFPIECEACDCNETYLSSNSTNE    56
AT1073 WP 000948331.1 NC 002745:c2121701-2121531       NRSHSLEQSLKEGYSQMAD....LNLSLANEAFPIECEACDCNETYLSSNSTNE    56
AT10177 WP 001829931.1 NZ LT571449:c1934688-1934518    NRNHSLEQSLKEGYAQMAD....LNLSLATEAFPIECEACDCNESHLISNSKNE    56
consensus                                              *!********!*******!     **!*!**!*!*********************
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X non conserved

X similar

X ≥ 50% conserved